

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2910	((342/159) or (342/160) or (342/161) or (342/162) or (342/163) or (342/104) or (342/105) or (342/107) or (342/108) or (342/109) or (342/115) or (342/156) or (342/195) or (342/424)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/04/04 07:09
L2	60	1 and @ad<="20030930" and @pd>="20041216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:24
L3	3785	radar and ("MTI" or (moving adj target))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L4	120964	coherent or coherence or coherently	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L5	1189	L3 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L6	139256	(radial or tangential) same (speed or velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L7	328	L5 and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L8	5088150	range or distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23

L9	318	L7 and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L10	182979	phase near15 (shift shifting shifted)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L11	198	L9 and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L12	43550	interferometer interferometry interferometric interferometrically	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L13	13	L11 and L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:23
L14	2	13 and @ad<="20030930" and @pd>="20041216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:25
L15	70	L6 same L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:25
L16	0	15 and @ad<="20030930" and @pd>="20041216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:25

L17	70	L6 same L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:25
L18	15	L3 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:25
L19	0	18 and @ad<="20030930" and @pd>="20041216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:26
L20	15	L3 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:25
L21	55	L17 not L20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:25
L22	0	21 and @ad<="20030930" and @pd>="20041216"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/04 07:26

SEARCH NOTES FOR EAST AND IEEE

SERIAL NUMBER

10675328

EAST: search history attached

Search terms: (interferometer <or> interferometric <or> interferometry) <and> (tangential <or> tangentially <or> radial <or> radially) <and> (speed <or> velocity) <and> radar

UPDATED SEARCH ABOVE ON 4-5-05 AND FOUND NO NEW DOCS


[Search Result - Print Format](#)
[< Back](#)

Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

1. **First demonstration of surface currents imaged by hybrid along- and cross-track Interferometric SAR**
Siegmond, R.; Mingquan Bao; Lehner, S.; Mayerle, R.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 42, Issue 3, March 2004 Page(s):511 - 519
IEEE JNL
2. **Clutter effects on ground moving target velocity estimation with SAR along-track Interferometry**
Shen Chiu;
Geoscience and Remote Sensing Symposium, 2003. IGARSS '03. Proceedings. 2003 IEEE International
Volume 2, 21-25 July 2003 Page(s):1314 - 1319 vol.2
IEEE CNF
3. **Estimating orbital trajectories from fringe gradients in SAR Interferograms for measuring crustal strain**
Kohlhase, A.O.; Feigl, K.L.; Massonnet, D.; Ferretti, A.;
Geoscience and Remote Sensing Symposium, 2003. IGARSS '03. Proceedings. 2003 IEEE International
Volume 6, 21-25 July 2003 Page(s):3808 - 3810 vol.6
IEEE CNF

indexed by
 Inspec®

© Copyright 2005 IEEE --

INSPEC

Search strategy

No.	Database	Search term	Info added since	Results
1	INZZ	(interferometer OR interferometric OR interferometry) AND (tangential OR tangentially OR radial OR radially) AND (speed OR velocity) AND radar	unrestricted	37

Saved: 04-Apr-2005, 13:21:53 CET

SAR–GMTI concept for RADARSAT–2.

Author(s)

Gierull–C–H; Livingstone–C; Ed. by Klemm–R.

Source

Applications of space–time adaptive processing, p.177–206.

Edited: Klemm, R.

Published: IEE, Stevenage, UK, 2004, xxxiv+919 pp.

Publication year

2004.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

The slow–moving ground targets detecting and imaging of three–aperture *interferometric* SAR.

Author(s)

Li–Jingwen; Zhou–Yinqing.

Source

Chinese–Journal–of–Electronics (China), vol.13, no.2, p.194–200, April 2004. , Published: Chinese Inst. Electron.

Publication year

2004.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Radial velocity and Doppler spectral width of echoes from field– aligned Irregularities localized in the sporadic E region.

Author(s)

Yen–Hsyang–Chu; Chien–Ya–Wang.

Source

Journal–of–Geophysical–Research (USA), vol.108, no.A7, p.SIA3–1–11, 1 July 2003. , Published: American Geophys. Union.

Publication year

2003.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Estimating orbital trajectories from fringe gradients in SAR Interferograms for measuring crustal strain.

Author(s)

Kohlhase–A–O; Feigl–K–L; Massonnet–D; Ferretti–A.

Source

IGARSS 2003. 2003 IEEE International Geoscience and Remote Sensing Symposium. Proceedings, vol.6, Toulouse, France, 21–25 July 2003.

In: p.3808–10 vol.6, 2003.

Publication year

2003.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Clutter effects on ground moving target *velocity* estimation with SAR along-track *interferometry*.

Author(s)

Shen–Chiu.

Source

IGARSS 2003. 2003 IEEE International Geoscience and Remote Sensing Symposium. Proceedings, vol.2, Toulouse, France, 21–25 July 2003.
In: p.1314–19 vol.2, 2003.

Publication year

2003.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

First demonstration of surface currents imaged by hybrid along- and cross-track *interferometric SAR*.

Author(s)

Siegmund–R; Mingquan–Bao; Lehner–S; Mayerle–R.

Source

IEEE–Transactions–on–Geoscience–and–Remote–Sensing (USA), vol.42, no.3, p.511–19, March 2004. ,
Published: IEEE.

Publication year

2004.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Multi-channel segmentation of moving objects in along-track *interferometry* data.

Author(s)

Schulz–K; Soergel–U; Thoennessen–U.

Source

Proceedings of 4th URSI European Conference on Synthetic Aperture *Radar*: EUSAR, Cologne, Germany, 4–6 June 2002.
Sponsors: EUREL, URSI, DGON, IEEE.
In: p.233–6, 2002.

Publication year

2002.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Moving target indication (MTI) using multi-channel along track *interferometer* in X-band and antenna with wide illumination pattern in Ku-band.

Author(s)

Cantalloube–H.

Source

Proceedings of 4th URSI European Conference on Synthetic Aperture *Radar*: EUSAR, Cologne, Germany, 4–6 June 2002.
Sponsors: EUREL, URSI, DGON, IEEE.
In: p.213–16, 2002.

Publication year

2002.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Range *interferometry* technique to determine *radial* wind.

Author(s)

Guifu-Zhang; Doviak-R-J; Vivekanandan-J.

Source

Proceedings of IEEE International Geoscience and Remote Sensing Symposium. IGARSS 2002, vol.4, Toronto, Ont., Canada, 24–28 June 2002. Sponsors: IEEE, IEEE Geosci. & Remote Sensing Soc., Canadian Remote Sensing Soc Univ. Waterloo Natural Resources Canada (NRCan) Canadian Space Agency (CSA) Environ. Canada NASA Nat. Oceanic & Atmos. Adm. (NOAA) Office of Naval Res.(ONR) Nat. Space Dev. Agency of Japan (NASDA) Nat. Polar-orbiting Environ. Satellite Syst. (NPOESS).
In: p.2549–52 vol.4, 2002.

Publication year

2002.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Investigation of ocean waves and currents with PacRim along-track *interferometry* (ATI).

Author(s)

Dukjin-Kim; Moon-W-M.

Source

IGARSS 2001. Scanning the Present and Resolving the Future. Proceedings. IEEE 2001 International Geoscience and Remote Sensing Symposium, vol.3, Sydney, NSW, Australia, 9–13 July 2001.
In: p.1415–17 vol.3, 2001.

Publication year

2001.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Segmentation of moving objects in SAR-MTI data.

Author(s)

Schulz-K; Soergel-U; Thoennessen-U.

Source

Algorithms for Synthetic Aperture *Radar* Imagery VIII, Orlando, FL, USA, 16–19 April 2001.
Sponsors: SPIE.
In: Proceedings-of-the-SPIE-The-International-Society-for-Optical-Engineering (USA), vol.4382, p.174–81, 2001.

Publication year

2001.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Investigation on horizontal wind estimation around high aspect sensitivity.

Author(s)

Kawano-N; Fukao-S.

Source

Radio-Science (USA), vol.36, no.6, p.1477–92, Nov.–Dec. 2001. , Published: American Geophys. Union.

Publication year

2001.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Spaceborne along-track SAR *interferometry*: performance analysis and mission scenarios.

Author(s)

Moccia-A; Rufino-G.

Source

IEEE-Transactions-on-Aerospace-and-Electronic-Systems (USA), vol.37, no.1, p.199-213, Jan. 2001. ,
Published: IEEE.

Publication year

2001.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Tilted atmospheric layer and gravity wave studies by simultaneous DBS /SDI observations with the MU radar during the passage of a trough.

Author(s)

Kawano-N; Luce-H; Yamamoto-M; Fukao-S.

Source

Radio-Science (USA), vol.36, no.1, p.67-77, Jan.-Feb. 2001. , Published: American Geophys. Union.

Publication year

2001.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Moving target performance for RADARSAT-2.

Author(s)

Thompson-A-A; Livingstone-C-E.

Source

IGARSS 2000. IEEE 2000 International Geoscience and Remote Sensing Symposium. Taking the Pulse of the Planet: The Role of Remote Sensing in Managing the Environment, vol.6, Honolulu, HI, USA, 24-28 July 2000.

Sponsors: IEEE, IEEE Geosci. & Remote Sensing Soc., NASA, NOAA, Office of Naval Res., Nat. Resources Canada, Canadian Space Agency, Nat. Space Dev. Agency of Japan, URSI.
In: p.2599-601 vol.6, 2000.

Publication year

2000.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Analysis of Perseid meteor head echo data collected using the Advanced Research Projects Agency Long-Range Tracking and Instrumentation Radar (ALTAIR).

Author(s)

Close-S; Hunt-S-M; Minardi-M-J; McKeen-F-M.

Source

Radio-Science (USA), vol.35, no.5, p.1233-40, Sept.-Oct. 2000. , Published: American Geophys. Union.

Publication year

2000.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

A nonlinear integral transform between ocean wave spectra and phase image spectra of a cross-track *interferometric* SAR.

Author(s)

Mingquan-Bao; Ed. by Stein-T-I.

Source

INSPEC – 1969 to date (INZZ)

IEEE 1999 International Geoscience and Remote Sensing Symposium. IGARSS'99, vol.5, Hamburg, Germany, 28 June–2 July 1999.

Sponsors: IEEE Geosci. & Remote Sensing Soc., Hamburg Univ., NASA, NOAA, ONR, ESA, DLR, URSI.
In: p.2619–21 vol.5, 1999.

Publication year

1999.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Along-track interferometry using a modified polarimetric SAR system.

Author(s)

Scheiber–R; Papathanassiou–K–P; Moreira–A.

Source

Proceedings of ERSAR '98: European Conference on Synthetic Aperture *Radar*, Friedrichshafen, Germany, 25–27 May 1998.

Sponsors: EUREL, URSI, DGON, IEEE.

In: p.591–4, 1998.

Publication year

1998.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Three-aperture INSAR moving targets detecting and imaging.

Author(s)

Li–Jingwen; Li–Chunsheng; Zhou–Yinqing.

Source

Acta–Electronica–Sinica (China), vol.27, no.6, p.40–3, June 1999. , Published: Chinese Inst. Electron.

Publication year

1999.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

A new nonlinear integral transform relating ocean wave spectra to phase image spectra of an along-track interferometric synthetic aperture radar.

Author(s)

Mingquan–Bao; Alpers–W; Bruning–C.

Source

IEEE–Transactions–on–Geoscience–and–Remote–Sensing (USA), vol.37, no.1, pt.2, p.461–6, Jan. 1999. ,
Published: IEEE.

Publication year

1999.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

A new concept for an integrated along-track interferometric and polarimetric SAR system.

Author(s)

Scheiber–R; Papathanassiou–K–P; Moreira–A; Ed. by Stein–T–I.

Source

IGARSS '98. Sensing and Managing the Environment. 1998 IEEE International Geoscience and Remote Sensing. Symposium Proceedings, vol.5, Seattle, WA, USA, 6–10 July 1998.

Sponsors: IEEE, IEEE Geosci. & Remote Sensing Soc., Univ Washington, NASA, NOAA, Office of Naval Res., Nat. Space Dev. Agency Japan, URSI.

In: p.2656–8 vol.5, 1998.

Publication year

1998.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

The polarization and phase sphere of *tangential* phasors and its applications.

Author(s)

Czyz-Z-H.

Source

Wideband *Interferometric* Sensing and Imaging Polarimetry, San Diego, CA, USA, 28–29 July 1997.

Sponsors: SPIE.

In: Proceedings-of-the-SPIE-The-International-Society-for-Optical-Engineering (USA), vol.3120, p.268–94, 1997.

Publication year

1997.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Radar-derived *interferometric* surface currents and their relationship to subsurface current structure.

Author(s)

Moller-D; Frasier-S-J; Porter-D-L; McIntosh-R-E.

Source

Journal-of-Geophysical-Research (USA), vol.103, no.C6, p.12839–52, 15 June 1998. , Published: American Geophys. Union.

Publication year

1998.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Incoherent Doppler lidar system using differential discrimination technique for tropospheric wind measurement.

Author(s)

Liu-Zhaoyan; Kobayashi-T; Ed. by Ansmann-A; Neuber-R; Rairoux-P; Wandinger-U.

Source

Advances in Atmospheric Remote Sensing with Lidar. Selected Papers of the 18th International Laser *Radar* Conference (ILRC), Berlin, Germany, 22–26 July 1996.

In: p.263–6, 1996.

Publication year

1996.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Effects of finite beam width and wind field divergence on Doppler *radar* measurements: simulations.

Author(s)

Palmer-R-D; Larsen-M-F; Vangal-S.

Source

Radio-Science (USA), vol.32, no.3, p.1179–91, May–June 1997. , Published: American Geophys. Union.

Publication year

1997.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Preliminary results from the Arecibo 430 MHz spatial *interferometry* system.

Author(s)

Howell-P-B; Palmer-R-D; Narayanan-R-M; Larsen-M-F; Cho-J-Y-N; Ed. by Stein-T-I.

Source

IGARSS '96. 1996 International Geoscience and Remote Sensing Symposium, vol.4, Lincoln, NE, USA, 27-31 May 1996.

Sponsors: IEEE Geosci. & Remote Sensing Soc., Univ. Nabraska, NASA, NOAA, Office of Naval Res.
In: p.1926-8 vol.4, 1996.

Publication year

1996.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Study of integration time effects on coherent *radar* imagery of the sea surface.

Author(s)

Moller-D; Frasier-S; McIntosh-R-E; Ed. by Stein-T-I.

Source

IGARSS '96. 1996 International Geoscience and Remote Sensing Symposium, vol.2, Lincoln, NE, USA, 27-31 May 1996.

Sponsors: IEEE Geosci. & Remote Sensing Soc., Univ. Nabraska, NASA, NOAA, Office of Naval Res.
In: p.984-6 vol.2, 1996.

Publication year

1996.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Weighted imaging Doppler *interferometry*.

Author(s)

Palmer-R-D; Lei-K-Y; Fukao-S; Yamamoto-M; Nakamura-T.

Source

Radio-Science (USA), vol.30, no.6, p.1787-801, Nov.-Dec. 1995. , Published: American Geophys. Union.

Publication year

1995.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Directional ocean wave measurements in a coastal setting using a focused array imaging *radar*.

Author(s)

Frasier-S-J; Yong-Liu; Moller-D; McIntosh-R-E; Long-C.

Source

IEEE-Transactions-on-Geoscience-and-Remote-Sensing (USA), vol.33, no.2, p.428-40, March 1995.

Publication year

1995.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

A three dimensional study of E region irregularity patches in the equatorial anomaly region using the Chung-Li VHF *radar*.

Author(s)

Pan-C-J; Liu-C-H; Rottger-J; Su-S-Y.

Source

Geophysical-Research-Letters (USA), vol.21, no.17, p.1763-6, 15 Aug. 1994.

Publication year

1994.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

An analysis technique for deriving vector winds and in-beam incidence angles from *radar interferometer* measurements.

Author(s)

Larsen-M-F; Palmer-R-D; Fukao-S; Woodman-R-F; Yamamoto-M; Tsuda-T; Kato-S.

Source

Journal-of-Atmospheric-and-Oceanic-Technology (USA), vol.9, no.1, p.3-14, Feb. 1992.

Publication year

1992.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

VHF *radar Interferometry* measurements of vertical *velocity* and the effect of tilted refractivity surfaces on standard Doppler measurements.

Author(s)

Palmer-R-D; Larsen-M-F; Woodman-R-F; Fukao-S; Yamamoto-M; Tsuda-T; Kato-S.

Source

Radio-Science (USA), vol.26, no.2, p.417-27, March-April 1991.

Publication year

1991.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Spatial *interferometer* measurements with the Chung-Li VHF *radar*.

Author(s)

Rottger-J; Liu-C-H; Chao-J-K; Chen-A-J; Pan-C-J; Fu-I-J.

Source

Fourth International Workshop on the Technical and Scientific Aspects of MST Radars, Kyoto, Japan, 29 Nov.-2 Dec. 1988.

In: Radio-Science (USA), vol.25, no.4, p.503-15, July-Aug. 1990.

Publication year

1990.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

First VHF auroral *radar Interferometer* observations.

Author(s)

Providakes-J-F; Swartz-W-E; Farley-D-T; Fejer-B-G.

Source

Geophysical-Research-Letters (USA), vol.10, no.5, p.401-4, May 1983.

Publication year

1983.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

An *interferometric* approach to SAR imagery of scenes with motion.

Author(s)

Anton-J-J; Friedlander-B; Marsh-J-P.

Source

Conference Record of the Thirteenth Asilomar Conference on Circuits, Systems & Computers, Pacific Grove, CA, USA, 5-7 Nov. 1979, p.584-8.

Sponsors: Naval Postgraduate School, Monterey, Univ. Santa Clara, IEEE.

Published: IEEE, New York, NY, USA, 1979, xiv+615 pp.

Publication year

1979..

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Measurement of aerosol motion and wind *velocity* in the lower troposphere by Doppler optical radar.

Author(s)

Benedetti–Michelangeli–G; Congeduti–F; Fiocco–G.

Source

Journal–of–the–Atmospheric–Sciences (USA), vol.29, no.5, p.906–10, July 1972.

Publication year

1972.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK

Radar system.

Source

Patent: 1145783, UK, 29 April 1966.

Application: 663241, Belgium. Priority: 30 April 1965.

Publication year

1969.

COPYRIGHT BY Inst. of Electrical Engineers, Stevenage, UK